

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) A mobile station apparatus comprising:

a first receiver that performs first receive processing of a downlink data channel, including demodulation, decoding, and error detection;

a second receiver that performs second receive processing of a downlink control channel that carries control information required in the first receive processing, including demodulation and decoding;

a detector that detects a timing a transmit diversity mode changes in a base station apparatus that transmits the downlink data channel and the downlink control channel; and

a controller that stops one or both of the first receive processing and the second receive processing depending on the timing detected in the detector one of (i) a relationship between the detected timing and a sub-frame period and (ii) a relationship between the detected timing and a slot period.

2. (Original) The mobile station apparatus of claim 1, wherein, when the timing comes in a sub-frame period of a sub-frame of the downlink data channel, the controller stops the first receive processing with respect to said sub-frame of the downlink data channel.

3. (Original) The mobile station apparatus of claim 1, wherein, when the second receive processing is stopped with respect to a sub-frame of the downlink control channel, the controller stops the first receive processing with respect to a sub-frame of the downlink data channel the first receive processing of which is performed using control information transmitted in said sub-frame of the downlink control channel.

4. (Original) The mobile station apparatus of claim 1, wherein, when the timing comes in a sub-frame period of a sub-frame of the downlink control channel, the controller stops the second receive processing with respect to said sub-frame of the downlink control channel.

5. (Original) The mobile station apparatus of claim 1, wherein, when the timing comes in a slot period N slots before a sub-frame period of a sub-frame of the downlink control channel,

the controller stops the second receive processing with respect to said sub-frame of the downlink control channel, said N being a natural number.

6. (Currently Amended) A receiving method comprising:
performing first receive processing of a downlink data channel, including demodulation, decoding, and error detection;
performing second receive processing of a downlink control channel that carries control information required in the first receive processing, including demodulation and decoding;
detecting a timing a transmit diversity mode changes in a base station apparatus that transmits the downlink data channel and downlink control channel; and
stopping one or both of the first receive processing and second receive processing depending on the timing one of (i) a relationship between the detected timing and a sub-frame period and (ii) a relationship between the detected timing and a slot period.